



South African Radio League 1925 – 2011 Suid-Afrikaanse Radioliga
 Member Society of the International Amateur Radio Union Region 1
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5 Nov – RaDAR Contest
 12 Nov – PEARS HF DX Contest
 19 and 20 Nov – SARL National Field Day
 27 Nov – SARL Digital Contest

30 Nov – SARL 80 m Club Contest, CW
 (Find the contest rules in the 2011 SARL
 Contest Manual)

RaDAR Contest 5 November 2011

Aim. An event aimed at promoting the use of Rapid Deployable Amateur Radio (RaDAR) stations and antennas, preferably without relying on normal mains power (Eskom). This contest is for everyone, at home, mobile or in the field. Any mode can be used CW, SSB, AM, FM or any digital mode. Any amateur band or Satellite can be used. The points system is so structured as to encourage portable operation. Score multipliers are used to reward and favour the Portable / RaDAR stations using temporary antennas and alternative power supply sources.

Date and Time. The first Saturday of November (5 November 2011), starting at 12:00 UTC and ending at 18:00 UTC (14:00 CAT to 20:00 CAT (6 hours = Approximately 4 during the day and 2 at night)

Bands and Modes. All amateur bands allowed including cross band contacts via amateur satellites. QSOs via terrestrial repeaters will NOT be allowed. Modes – All amateur modes.

Suggested HF calling frequencies

Band	CW	Phone	Notes
160 m	1836 kHz	1845 kHz	ZS and ZR
80 m	3560 kHz	3690 kHz	ZS, ZR and ZU
40 m	7030 kHz	7090 kHz	ZS, ZR and ZU
30 m	10116 kHz	10130 kHz	ZS and ZR
20 m	14080 kHz	14240 kHz	ZS and ZR





15 m	21080 kHz	21350 kHz	ZS and ZR
10 m	28060 kHz	28360 kHz	ZS, ZR and ZU

Recommended digital modes frequencies – refer to the General Rules, Rule 16.

Exchange. The exchange is your call sign, name, RS(T) report, QTH and grid locator. If the grid locator is not known, then some other information that could describe the location, e.g. Mabula Lodge, 40 km west of Warmbaths.

Scoring. 1 point per QSO. 1 QSO per mode, per band / satellite, per call sign.

Multipliers. The following multipliers are applicable to determine the final score.

Category multiplier:

X 1 - Home station

X 2 - Field station

X 3 - RaDAR station (Refer to 'What constitutes a true RaDAR Station?' below)

The definitions listed in the General Rules of the SARL Contest Manual defines the above stations types accurately. A mobile station will be treated as a field station. A portable station not meeting the requirements as a field station will be treated as a home station.

Power multiplier:

The power multiplier that applies is determined by the highest power output of any of the transmitters used during the contest.

5 watts or less the power multiplier is 6.

6 to 50 Watts, the power multiplier is 4.

51 watts or greater, the power multiplier is 2.

Bonus points for Portable and RaDAR stations. Five (5) Points (equivalent to five QSOs) for a minimum of one satellite or any digital mode QSO involving a computer. For clarity: thereafter 1 point per Satellite / Digital modes QSO.

What constitutes a true RaDAR Station? To be considered as a true RaDAR station, the entire station equipment, radios, batteries, mast, antennas and refreshments must be easily port-able and hence the need to carry the equipment for at least 1 km prior to setting up.

For the sake of safety, it will be acceptable to carry / backpack your en-tire station for a distance of at least 1 km and end up where you started from - your home, campsite, picnic site, motor vehicle or wherever you choose to operate from.

Log Sheets. Mail logs to the Lichtenberg Amateur Radio Club (LARK), PO Box 410, Lichtenburg, 2740, by e-mail to zs6lrk@nwinternet.za.org. logs must reach the committee by 20 November 2011 and a photo of the station (in JPG format) MUST accompany every log entry.

Logbook of The World Experiencing Delays

Due to a large number of radio amateurs uploading their logs to Logbook of The World, <http://www.arrl.org/logbook-of-the-world>, after last weekend's CQ Worldwide SSB Contest, the ARRL's online QSL verification service is experiencing delays. According to ARRL IT Manager Michael Keane, K1MK, there is about a 60-hour wait for the more than 10 000 logs in the queue to be processed. "Logs are processed in the order in which they were received," he explained. "If you have uploaded your log to LoTW, your log is currently queued for processing. It has not been lost in the system. Uploading your log multiple times will only further delay your log and those of others to be processed."





Contest Results

The results of the SARL 80 m QSO Party held on the 6 October are still outstanding.

The results of the SARL QRP Contest held on the 22 October 2011. The contest committee received 13 logs. Information from those logs reveals that there were 63 stations on the air. Of the 63 stations, 19 stations operated SSB and CW. There were even two cross-mode QSOs made which we think is a first time that this has occurred.

The results are:

- 1st Roger Jones, ZS6RJ, 880 points
- 2nd Pieter Jacobs, ZS6XT, 648 points
- 3rd Christo van Rensburg, ZS3R, 560 points
- 4th Derek Stuart, ZS2J, 552 points
- 5th Romeo Nardini, ZS6ARQ, 450 points
- 6th Pierre van Deventer, ZS6A, 384 points
- 7th Theunis Potgieter, ZS2EC, 252 points
- 8th Philip van Tonder, ZS6PVT, 240 points
- 9th West Rand ARC, ZS6WR, 210 points
- 10th Pam Momberg, ZS6APT, 198 points
- 11th Quartus de Witt, ZS6EE, 192 points
- 12th Dave Cloete, ZR6AOC, 150 points
- 13th Eddie Leighton, ZS6BNE, 120 points

The overall results after the four legs of the 2011 contest are:

- 1st Pierre van Deventer, ZS6A, 2 682 points
- 2nd Pieter Jacobs, ZS6XT, 2 132 points
- 3rd Derek Stuart, ZS2J, 1 577 points
- 4th West Rand ARC, ZS6WR, 1 386 points
- 5th Christo van Rensburg, ZS3R, 1 200 points
- 6th Roger Jones, ZS6RJ, 880 points
- 7th Theunis Potgieter, ZS2EC, 762 points
- 8th Johan Visagie, ZS6AF, 720 points
- 9th Romeo Nardini, ZS6ARQ, 590 points
- 10th Stephen Stuttard, ZS6SKY, 528 points
- 11th Brendon Muller, ZS4DEF, 504 points
- 12th Eddie Leighton, ZS6BNE, 501 points
- 13th Pam Momberg, ZS6APT, 286 points
- 14th Christo Kriek, ZR6LJK, 273 points
- 15th Phillip van Tonder, ZS6PVT, 240 points
- 16th ZS6SGM, 234 points
- 17th Dirk van Vuuren, ZS6DVV, 210 points
- 18th Quartus de Witt, ZS6EE, 192 points

November

5 - RaDAR Contest

5 to 7 - ARRL CW Sweepstakes Contest

6 - DARC 10-Metre Digital Contest

11 - Armistice Day

12 - PEARS HF DX Contest

12 to 13 - WAE DX RTTY Contest

13 - Remembrance Sunday

18 to 20 - Cherry Festival, Ficksburg

19 to 20 - **SARL National Field Day**; ARRL SSB Sweepstakes Contest

26 to 27 - CQ WW DX CW Contest

27 - **SARL Digital Contest**

30 - **SARL 80 m Club Contest, CW**

December

2 to 4 - ARRL 160 metre contest

4 - **ZS4 HF Contest**

10 to 11 - ARRL 10 metre contest

18 - Stew Perry Top Band Challenge

26 - DARC Christmas Contest

31 - end of 2011 CQ DX Marathon





- 19th Mario Mangiagalla, ZU6TAN, 180 points
20th John Kramer, ZS5J, 168 points
21st Dennis Green, ZS4BS, and Renier Burger, ZU6HOT, 165 points
23rd Peet Pretorius, ZS4VP, 162 points
24th Pieter Bosman, ZS3AOR, 160 points
25th Rory Crouch, ZS6RBJ, 150 points
26th Russel Mycroft, ZS1VK, 64 points

The contest committee would like to thank all the stations who took part in these contests. Let us hope that next year the turnout will be larger. The QRP contest can be used as a great yardstick to check out how your equipment operates under low power.

IARU Region 3 Operating Award

The award is available to licensed radio amateurs and SWLs and contacts made after 5 April 1982 are eligible. QSL cards are NOT required, send a certified list of eligible contacts from your Log Book. The cost of the Award is \$4.00 US. The current total of available 'countries' is 34.

Eligible countries are those in ITU Region 3 whose amateur societies are members of IARU Region 3. These are Australia, Bangladesh, Brunei, China (PRC), Chinese Taipei (Taiwan), Fiji, French Polynesia (FO8 only), Hong Kong, India, Indonesia, Japan, Korea, Macau, Malaysia, New Caledonia, New Zealand, Pakistan, Papua New Guinea, Philippines, Pitcairn Islands, Samoa, Singapore, Solomon Islands, Sri Lanka, Thailand, Tonga, Vanuatu and Vietnam.

PLUS - ONE Country credit from US Territories in the Pacific from Guam, Northern Marianas, American Samoa, Wake Island, Baker Howland Group, as represented by the ARRL OR ONE Country credit from Chago Archipelago (VQ9), represented by the RSGB.

The requirements for Award as from 1 January 1986 are:

Basic - 7 areas;

Silver Endorsement - 15 areas;

Gold Endorsement - 20 areas.

These to be reviewed as considered necessary by the custodian who would recommend appropriately to the Secretariat. Awards may be endorsed for any mode or band.

Application to the NZART Awards Manager, Alan Chapman, ZL3GX, PO Box 1733, Christchurch, 8140, New Zealand and e-mail awards@nzart.org.nz

UK Car manufacturers steer clear of digital radio

The UK Government's switchover date for digital radio may need some fine-tuning, as a new survey of car manufacturers reveals at least half are steering clear of the new technology.

As part of its Digital Britain vision, the Department for Culture, Media and Sport named 2015 as the deadline for turning off its ageing analogue radio network, in favour of digital sets. The move would mean the vast majority of today's in-car tuners would cease to work overnight. However, slow take up, and new findings from *Auto Express* suggest the switchover could now be delayed until 2017.

A survey of 24 mainstream car manufacturers by *Auto Express* has revealed a staggering 50 per cent don't offer any digital radio units for their model range, even as an optional extra. Meanwhile, almost 60 per cent of new vehicles registered this year came with no option for digital radio.





Read more from Auto Express at

http://www.autoexpress.co.uk/news/autoexpressnews/274672/manufacturers_steer_clear_of_digital_radio.html

African DX

Algeria, 7X. Members of the Algerian radio club (ARA - 7X2ARA) are activating the special event station 7U1MA to mark the opening of the new metro in Algiers in November. See also: <http://www.ara-dz.org>

Malawi, 7Q. Rob, GM3YTS, and Gav, GM0GAV, will be active as 7Q7GM only on CW with focus on the low bands, especially 160 and 80 m, from 31 October until 13 November. They hope to get an online log up as well but will upload all QSOs to the LoTW after their return home. QSL via GM4FDM.

Rob and Gav have created a blog for 7Q7GM - <http://7q7gm.blogspot.com>

Club News

Dates for the ZS6PTA Flea markets for 2012, which will start 08:00 CAT and which be held at the Pretoria Motor Club site in Silverton Pretoria, are as follows - 3 March 2012, 2 June 2012, 1 September 2012 and 8 December 2012

The Southern African Antique Wireless Association will be having an open day and AGM at the Transvaal Aviation Centre (TAC) at Rand Airport on Saturday 12 November from 10:00 the morning. All interested parties and members are invited to join us for a fun day with Radio displays, flea market, restaurant facilities and Cash Bar.

Contact Andy, ZS6ADY, at 082 448 4368 or andyzs6ady@vodamail.co.za should you require details or directions.

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 31 October to 7 November 2011.

NCCC Sprint

02:30 - 03:00 UTC 4 November

Mode: (see rules)

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 6 November 2011

E-mail logs to: (none)

Post log summary at:

<http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rules.html>

Ukrainian DX Contest

12:00 UTC 5 November to 12:00 UTC 6 November

Mode: CW, SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op All Band Mixed - CW and SSB- QRP, low or high; Single Op All Band - CW or SSB - low or high; Single Op Single Band Mixed- CW and SSB; Multi-Single Mixed- CW and SSB





Max power: HP: >100 watts; LP: 100 watts;
QRP: 5 watts

Exchange: Ukraine: RS(T) and 2-letter oblast;
non-Ukraine: RS(T) and serial no

Work stations: Once per band per mode-
CW or SSB

QSO Points: 1 point per QSO with same
country; 2 points per QSO with different
country, same continent; 3 points per QSO
with different continent; non-UR Stations:
10 points per QSO with Ukraine

Multipliers: UR Stations: each DXCC/WAE
country once per band; non-UR Stations:
each DXCC/WAE country once per band;
non-UR Stations: each Ukraine oblast once
per band

Score Calculation: Total score = total QSO
points x total mults

Submit logs by: 6 December 2011

E-mail logs to: urdxcr@ukr.net

Web-to-Cabrillo form:

http://www.b4h.net/cabforms/ukrainiandx_cab.php

Mail logs to: Ukrainian Contest Club HQ; PO
Box 4850, Zaporozhye 69118, Ukraine

Find rules at:

http://www.ucc.zp.ua/urdxcr2011rules_eng.htm

ARRL CW Sweepstakes Contest

21:00 UTC 5 November to 03:00 UTC 7 No-
vember

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low, high or
unlimited; Multi-Op; School Club - college,
technical or secondary

Max operating hours: 24 with at least 30
minute off times

Max power: HP: >150 watts; LP: 150 watts;
QRP: 5 watts

Exchange: Serial no, precedence (Q, A, B, U,
M or S), your call sign, check and ARRL/RAC
section

Work stations: Once only

QSO Points: 2 points per QSO

Multipliers: Each ARRL/RAC section and VE
NT once

Score Calculation: Total score = total QSO
points x total mults

Submit logs by: 03:00 UTC 22 November
2011

E-mail logs to: SSCW@arrl.org

Web-to-Cabrillo form:

http://www.b4h.net/cabforms/arrlsscw_cab3.php

Mail logs to: November SS CW, ARRL, 225
Main St., Newington, CT 06111, USA

Find rules at:

<http://www.arrl.org/sweepstakes>

NA Collegiate ARC CW Championship

21:00 UTC 5 November to 03:00 UTC 7 No-
vember

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: School Club (College)

Max operating hours: 24 with at least 30
minute off times

Max power: HP: >150 watts; LP: 150 watts;
QRP: 5 watts

Exchange: Serial no, precedence (Q, A, B, U,
M or S), your call sign, check and ARRL/RAC
section

Work stations: Once only

QSO Points: 2 points per QSO

Multipliers: Each ARRL/RAC section and VE
NT once

Score Calculation: Total score = total QSO
points x total mults

Submit logs by: 03:00 UTC 22 November 22,
2011

E-mail logs to: SSCW@arrl.org

E-mail log summary to: wm5r@wm5r.org

Mail logs to: November SS CW, ARRL, 225
Main St., Newington, CT 06111, USA

Find rules at:

<http://www.collegiatechampionship.org/rules/>

High Speed Club CW Contest

09:00 - 11:00 UTC 6 November and 15:00 -
17:00 UTC 6 November





Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: HSC Members; Non-Members; QRP; SWL

Max power: 150 watts; QRP: 5 watts

Exchange: Members: RST and HSC no; non-Members: RST and "NM"

Work stations: Once per band per period

QSO Points: 5 points per QSO with a HSC member; 1 points per QSO with a non-member

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 27 November 2011

E-mail logs to: hsccontest@googlemail.com

Mail logs to: Jo Mertens, DJ4EY, HSC Contest Manager, Am Muhlebruch 32, 59581 Warstein, Germany

Find rules at:

<http://www.highspeedclub.org/>

DARC 10 Metre Digital Contest

11:00 - 17:00 UTC 6 November

Mode: RTTY, Amtor, Clover, PSK31, Pactor

Bands: 10 m Only

Classes: Single Op; SWL

Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: Each WAE/DCXX area; Each W/VE call area

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 21 November 2011

E-mail logs to: do1npf@darc.de

Mail logs to: Peter Frank, DO1NPF, Postfach 11 19, 90515 Altdorf, Germany

Find rules at:

<http://www.darc.de/referate/ukw-funksport/bild-und-schrift-wettbewerbe/corona-maerz/teilnahmebedingungen/>

Next Week's Contests

ARS Spartan Sprint, 02:00 - 04:00 UTC 8 November

CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 9 November and 03:00 - 04:00 UTC 10 November

RSGB 80 m Club Sprint, SSB, 20:00 - 21:30 UTC 9 November

WAE DX Contest, RTTY, 00:00 UTC 12 November to 23:59 UTC 13 November

10-10 Int. Fall Contest, Digital, 00:01 UTC 12 November to 23:59 UTC 13 November

JIDX Phone Contest, 07:00 UTC 12 November to 13:00 UTC 13 November

CWops Mini-CWT Test 13:00 - 14:00 UTC 12 November, 19:00 - 20:00 UTC 12 November and 03:00 - 04:00 UTC 13 November

Kentucky QSO Party, 14:00 UTC 12 November to 02:00 UTC 13 November

SKCC Weekend Sprint, 00:00 - 24:00 UTC 13 November

NAQCC-EU Monthly Sprint, 18:00 - 20:00 UTC 14 November

History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 31 October 2011.

1572 – A Supernova is observed in the constellation known as Cassiopeia

1815 - Sir Humphrey Davy of London patents the miner's safety lamp

1862 – Richard J Gatling patents the Gatling gun

1862 – A direct telegraphic link established between New York and San Francisco





- 1895 - George B Selden granted the first US patent for an automobile
- 1931 - The first commercially produced synthetic rubber is manufactured
- 1936 - The first high-definition TV broadcast service is started by the BBC in London
- 1939 - The Heinkel He 178, the first jet plane, is demonstrated to the German Air Ministry
- 1952 - The first hydrogen device is exploded at Eniwetok Atoll in the Pacific

DX Code of Conduct

- I will listen, and listen, and then listen again before calling.
- I will only call if I can copy the DX station properly.
- I will not trust the DX cluster and will be sure of the DX station's call sign before calling.
- I will not interfere with the DX station or anyone calling and will never tune up on the DX frequency or in the QSX slot.
- I will wait for the DX station to end a contact before I call.
- I will always send my full call sign.
- I will call and then listen for a reasonable interval. I will not call continuously.
- I will not transmit when the DX operator calls another call sign, not mine.
- I will not transmit when the DX operator queries a call sign not like mine.
- I will not transmit when the DX station requests geographic areas other than mine.
- When the DX operator calls me, I will not repeat my call sign unless I think he has copied it incorrectly.
- I will be thankful if and when I do make a contact.
- I will respect my fellow radio amateurs and conduct myself so as to earn their respect.

<http://www.dx-code.org/publications.htm>

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslines, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News, Southgate ARC and Pete's DX Newsdesk.

Newsletter editors are most welcome to use material from HF Happenings, just remember to acknowledge the source (which could be any one of the names mentioned above). HF Happenings can be provided in MS Word format.

SARL News

Time (UTC / CAT)	Freq (kHz)		Target Area	Language
06:15 / 08:15 *	7 066 / 7 098	From Pretoria /	Southern Africa	Afrikaans
06:30 / 08:30 *	7 066 / 7 098	Port Elizabeth	Southern Africa	English
Various 2 metre and 70 cm repeaters and Echolink country wide				

Amateur Radio Today

Time (UTC / CAT)	Freq (kHz)		Target Area	Language
08:00 - 09:00 / 10:00	7 082	From Durban	Southern Africa	English
- 11:00 *	Various 2 metre and 70 cm repeaters and Echolink country wide			

Amateur Radio Today shortwave broadcast information.

Time (UTC / CAT)	Freq (kHz)	Tx kW	Target Area	Language
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08:00 – 09:00 / 10:00	7 205	100	Southern Africa	English
- 11:00 *	17 570	250	East Africa	English
16:30 – 17:30 /	3 230	100	Southern Africa	English
18:30 – 19:30 **				
* Sunday ** Monday				

Amateur Radio in Aksie word deur die week op verskillende tye op verskillende herhalers uitgesaai.

